

Appl. No. 10/605,375
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KTM

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (currently amended) A shell for use in a subsurface borehole, comprising:

a composite body adapted to cover forming a cylindrical surface of revolution with an inner bore for housing a source or sensor, providing transparency to the passage of signals to or from said source or sensor, the composite body comprising a plurality of layers, at least one layer being substantially uniformly conductive along a single direction; and

a recess formed by the body extending from the inner bore toward the outer surface of the body;

a conductor element disposed within the recess;
wherein the body is adapted with a uniform conductive surface providing a path to short electric currents near the source or sensor.
2. (original) The shell of claim 1, wherein the body is adapted to provide transparency to the passage of electromagnetic signals.
3. (original) The shell of claim 2, wherein the body is formed to prevent direct exposure of the source or sensor to fluids within the borehole.